# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 48 | liverance and ("273"/$.ccls. or "463"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:05 |
| L2 | 2 | liverance.in. and ("273"/$.ccls. or "463"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:05 |
| L3 | 155 | "rasmussen, james".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:13 |
| L4 | 1 | "strahinic, gary".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:17 |
| L7 | 0 | "tastad, greg".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:14 |
| L8 | 18 | "tastad, gregory".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:14 |
| L9 | 0 | "strahinic, gerald".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:17 |

| L10 | 2144 | wms.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:17 |
|-----|------|---------|-------------------------------------------------------|----|----|------------------|
| S1  | 43   | eye$1phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 11:40 |

| S2 | 159 | ("5676234" "5535872" "5580310" "4282892" "6014594" "6125307" "6200213" "4966304" "5913399" "5967287" "6128550" "4844464" "4926996" "5016880" "5190495" "5415417" "3845849" "4518098" "4535794" "5316517" "5320207" "5450938" "5467857" "5484334" "5494287" "5516293" "5536008" "5544728" "5662520" "5697611" "5749784" "5931731" "5984771" "6068101" "6139419" "6168513" "6350193" "6827647" "6857959" "5895456" "6394907" "6564997" "6866586" "6935957" "5467856" "6135261" "5662202" "6575833" "6773348" "6168001" "6200213" "4335809" "4282892" "4966304" "5913399" "5967287" "5676234" "6014594" "6125307" "6128550" "4844464" "4926996" "5016880" "5190495" "5415417" "3845849" "4518098" "4535794" "5316517" "5320207" "5450938" "5467857" "5484334" "5494287" "5516293" "5536008" "5535872" "5544728" "5580310" "5662520" "5697611" "5749784" "5931731" "5984771" "6068101" "6139419" "6168513" "6350193" "6827647" "6857959" "20010015310" "20020019210" "20040033095" "20050009598" "20050176498" "6168001" "4503961" "5277424" "5467856" "5611730" "6292830" "5500486" "5243494" "20040002843" "5526039" "5247650" "20050009608" "5537641" "6287765" "5544249" "6246416" "5576984" "7085694" "5587548" "20030079207" "5619433" "20060065108" "5684724" "7013704" "5692945" "20030183023" "5710431" "4290054" "5758264" "5307479" "5859962" "20040210428" "5896303" "5544305" "5920492" "5819068" "5927990" "7058896" "5963731" "20030132973" "6038383" "20060149516" "6166744" "4757761" "6187032" "5333865" "6381564" "5494472" "6658319" "6021359" "20010011208" "6268853" "20020188375" "20060252458" "20030154092" "5803608" "5438673" "4839812" "4870561" "5338206" "5394346" "5594173" "5678028" "5734998" "5880362" | US-PGPUB; USPAT | OR | ON | 2007/08/14 12:18 |

| S3 | 264 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same (slow$3 or decelerat$3 or ((reduc$3 or reduction or cut$4 or decreas$3) adj (speed or rate or velocity))) same ((prevent$3 or reduc$3 or reduction or stop$4 or cut$4 or minimiz$5 or minimis$5) adj (jam$4 or block$4 or stick$3 or stuck or obstruct$3 or clog$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:34 |
|---|---|---|---|---|---|---|
| S4 | 352 | 453/3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 16:10 |
| S5 | 4 | ("07185131" "11053563" "11128534" "11128535").pn. | JPO | OR | ON | 2007/08/14 16:11 |
| S6 | 2 | "5616078".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 16:29 |
| S7 | 8 | ("20030054327" "20030040373" "6375579" "5846139" "4577863" "3563553" "5486001" "5413345").pn. | US-PGPUB; USPAT | OR | ON | 2007/08/14 16:48 |
| S8 | 60 | "5616078" | US-PGPUB; USPAT | OR | ON | 2007/08/14 16:48 |
| S9 | 2 | ("5616078").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/14 16:57 |
| S10 | 186 | 453/5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 18:23 |

| S11 | 171 | 453/9.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 18:38 |
|-----|-----|-------------|---------|-----|-----|-------------------|
| S12 | 47774 | (slot or fruit or poker or prize) adj (machine or game or device or terminal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:57 |
| S13 | 1092 | S12 and ("194"/$.ccls. or "222"/$.ccls. or "235"/$.ccls. or "453"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 18:39 |
| S14 | 220683 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same ((path or slot or chute or tube or passage) with (pivot$3 or arm or armature or latch$3 or pin or dowel or spring or member)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:50 |
| S15 | 17697 | S14 and ("273"/$.ccls. or "463"/$.ccls. or "194"/$.ccls. or "222"/$.ccls. or "235"/$.ccls. or "453"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:50 |
| S16 | 1623505 | (slow$3 or decelerat$3 or ((reduc$3 or reduction or cut$4 or decreas$3) adj (speed or rate or velocity))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:52 |
| S17 | 13994 | S14 same S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:52 |

| S18 | 1050 | S17 and ("273"/$.ccls. or "463"/$.ccls. or "194"/$.ccls. or "222"/$.ccls. or "235"/$.ccls. or "453"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:56 |
|-----|------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|-----------------|
| S19 | 1031 | S18 not S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:56 |
| S20 | 264 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same (slow$3 or decelerat$3 or ((reduc$3 or reduction or cut$4 or decreas$3) adj (speed or rate or velocity))) same ((prevent$3 or reduc$3 or reduction or stop$4 or cut$4 or minimiz$5 or minimis$5) adj (jam$4 or block$4 or stick$3 or stuck or obstruct$3 or clog$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 19:57 |
| S21 | 1020 | S19 not S20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 20:03 |
| S22 | 0 | "crouch, dennis" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 20:04 |
| S23 | 2 | ("7193892").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/14 20:11 |

| S24 | 2 | ("6937937").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/14 20:11 |
|-----|---|-----------------|---------------------------------------------------------|----|-----|-------------------|
| S26 | 14 | (US-20050016815-$ or US-20030150688-$).did. or (US-7213697-$ or US-6766892-$ or US-1993464-$ or US-3845849-$).did. or (US-2148828-$ or US-2021984-$ or US-0459673-$).did. or (GB-2200489-$).did. | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/08/15 15:03 |
| S27 | 0 | conical$1compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 16:38 |
| S28 | 24 | ("20010018628"\|"20010039210"\|"20020025851"\|"20030065571"\|"5359528"\|"5365451"\|"5612875"\|"5643086"\|"5774872"\|"5779283"\|"5875433"\|"5928291"\|"6016479"\|"6078899"\|"6104815"\|"6104815"\|"6154172"\|"6253129"\|"6697787"\|"6702672"\|"6714857"\|"6767284"\|"7043448"\|"7083517"\|"7117075").PN. | US-PGPUB; USPAT | OR | ON | 2007/08/15 16:38 |
| S29 | 0 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same conical$1compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:23 |
| S30 | 0 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) and conical$1compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:35 |

| S31 | 98 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:38 |
|-----|------|---|---|----|----|----|
| S32 | 19 | ((coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage)) and ((cone or conical) same compression$1spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:46 |
| S33 | 0 | ((blister or bump or bubble) same conical$1compression$1spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:47 |
| S34 | 5 | ((blister or bump or bubble) same compression$1spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:48 |
| S35 | 6496 | (blister or bump or bubble) with spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:48 |
| S36 | 1 | (blister or bump or bubble) with compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:50 |
| S37 | 5 | (blister or bump or bubble) same compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 17:50 |

| S38 | 315 | (path or slot or chute or tube or passage) same (pivot$3 or arm or armature or latch$3 or pin or dowel or spring or member) with compression$1spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:17 |
|-----|-----|------|------|------|------|------|
| S39 | 0 | (path or slot or chute or tube or passage) same (plate with conical$1compression$1spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:37 |
| S40 | 40 | (path or slot or chute or tube or passage) same (plate with compression$1spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:27 |
| S41 | 4 | ((plate or arm or armature or member or pivot or latch or pin or dowel) with compression$1spring with check) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:37 |
| S42 | 0 | ((cone or conical) with compression$1spring with check) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:36 |
| S43 | 13210 | (chute or slot) with latch with spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:36 |
| S44 | 247594 | (path or slot or chute or tube or passage) with (plate or arm or armature or member or pivot or latch or pin or dowel) with spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:38 |

| S45 | 3266760 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:38 |
|-----|---------|-----|-----|-----|-----|-----|
| S46 | 37147 | S44 same S45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:38 |
| S47 | 14512 | S44 with S45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:39 |
| S48 | 2564 | S47 and ("194"/$.ccls. or "222"/$.ccls. or "235"/$.ccls. or "453"/$.ccls. or "273"/$.ccls. or "463"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:40 |
| S49 | 1835 | S47 and ("194"/$.ccls. or "453"/$.ccls. or "273"/$.ccls. or "463"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 18:47 |
| S50 | 66 | S47 same coin adj accept$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 19:43 |
| S51 | 11 | chute with (one$1way or one$1direction$2 or uni$1directional) with (latch or check) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:02 |

| S52 | 1 | chute with (one$1way or one$1direction$2 or uni$1directional) with (rocker) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:02 |
|------|------|------|------|------|------|------|
| S53 | 1985 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) adj check | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:30 |
| S54 | 48 | S53 with (one$1way or uni$1direction$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:24 |
| S55 | 56 | S53 with (one$1way or uni$1direction$2 or one$1direction$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:24 |
| S56 | 159 | (coin or token or medal or medallion or penny or nickel or dime or quarter or half$1dollar or fifty$1cent$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) adj (see$1saw or rocker) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:31 |
| S57 | 0 | S56 with (one$1way or uni$1direction$2 or one$1direction$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 20:31 |
| S58 | 29 | 453/15.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 21:10 |

| S59 | 183 | 453/54.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/15 21:19 |
|-----|-----|--------------|---------------------------------------------------------|----|----|------------------|
| S60 | 157 | 453/22.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 11:56 |